



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/851,722	05/08/2001	Theodore F. Rabenko	41748/CAG/B600	3641

23363 7590 01/30/2006

CHRISTIE, PARKER & HALE, LLP
PO BOX 7068
PASADENA, CA 91109-7068

EXAMINER

SHAND, ROBERTA A

ART UNIT	PAPER NUMBER
----------	--------------

2665

DATE MAILED: 01/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/851,722

Applicant(s)

RABENKO ET AL.

Examiner

Roberta A. Shand

Art Unit

2665

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4-11-2002
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rakib (U.S. 6889385 B1) in view of Zhang (U.S. 6661785 B1).

3. Regarding claims 1 and 11, Rakib teaches (fig. 2 and col. 52, lines 49 – col. 53, lines 25) a communications system, comprising: a plurality of media terminal adapters (fig. 8, 372, 980, 986, 988, 990, 992, 994, 996, 998, 1000); a telephone line (694, 696, 698, 700, col. 19, lines 56-57); a telephone coupled to the telephone line; and a gateway (214 and fig which depicts the gateway alone) coupled to the telephone line and an IP network, and configured to exchange voice and data packets between a network and each of the media terminal adapters and the telephone over the telephone line, wherein the gateway receives a packet payload and determines if the packet is voice or data, if the packet is voice the gateway further determines if the voice is destined for the telephone or the network, if the voice packet is destined for the telephone, the gateway transmits it to the telephone, if the packet is destined for the media terminal adapter the gateway reformats the packet and transmits the packet to the media terminal adapter (col. 55, lines 4 – col. 56, lines 28).

Art Unit: 2665

4. Rakib does not teach the gateway depacketizes the voice packet and generates an analog voice signal.

5. Zhang teaches (figs. 1a,1b and col. 13, lines 23-40) the gateway depacketizes the voice packet and generates an analog voice signal. It would have been obvious to one of ordinary skill in the art to adapt Zhang's gateway to Rakib's system to allow transmission of data between the Internet and the PSTN or any other telephone network thereby transmitting to analog telephones.

6. Regarding claims 2 and 12, Rakib teaches (fig. 2, 224) one of the media terminal adapters comprises a telephony device.

7. Regarding claims 3 and 13, Rakib teaches (fig. 2, 224) the telephony device is a telephone.

8. Regarding claims 4 and 14, Rakib teaches (fig. 2) the gateway is configured to exchange the voice and data packets between the network and the media terminal adapters by converting between a first format for the voice and data packets on the network and a second format for the voice and data packets on the telephone line, the first and second format being different.

9. Regarding claims 5, 15 and 17, Rakib teaches (fig. 2) one of the media terminal adapters comprises a telephone responsive to the voice packets having the second format.

Art Unit: 2665

10. Regarding claims 6 and 18-20, Zhang teaches (figs. 1a, 1b and col. 13, lines 23-40) a voice processing engine configured to convert between the voice packets having the second format and an analog voice signal in the voiceband frequency (Zhang teaches digital to analog conversion and vice versa).

11. Regarding claim 7, Rakib teaches (fig. 2) a telephone, and wherein one of the media terminal adapters comprises an adapter configured to exchange the voice packets on the telephone line having the second format with analog voice in a voiceband frequency. It is inherent in Rakib's system that a processing engine configured to convert between the voice packets having the second format and an analog voice signal in the voiceband frequency exists because one of the media terminal adapters is a telephone.

12. Regarding claim 8, Rakib teaches (fig. 8, 986) the gateway comprises a cable modem

13. Regarding claim 9, Rakib teaches (fig. 8) the gateway comprises a first port (952) coupled to the telephone line (PSTN) and a second port, and an additional media terminal adapter coupled to the second port.

14. Regarding claim 10, Rakib teaches (fig. 8, 728) a voice and data processor configured to exchange the voice and data between the network and the additional media terminal adapter.

Art Unit: 2665

15. Regarding claim 16, Rakib teaches (fig. 2) exchanging a second plurality of voice and data packets between the network and an additional media terminal adapter.

16. Regarding claim 17, Rakib teaches (fig. 2) a communication system comprising: means for receiving a packet payload from an IP network; means for determining if the voice is destined for the telephone or the network, if the voice packet is destined for the telephone coupled to a telephone line or a second network coupled to the telephone line (and col. 52, lines 49 – col. 53, lines 25); transmitting it to the telephone, if the packet is destined for the network the gateway means for reformatting the packet and transmits the packet to the network (col. 55, lines 4 – col. 56, lines 28).

17. Rakib does not teach a means for depacketizes the voice packet and means for generating an analog voice signal.

18. Zhang teaches (figs. 1a, 1b and col. 13, lines 23-40) a means for depacketizes the voice packet and means for generating an analog voice signal. It would have been obvious to one of ordinary skill in the art to adapt Zhang's gateway to Rakib's system to allow transmission of data between the Internet and the PSTN or any other telephone network thereby transmitting to analog telephones.

Conclusion

19. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

20. A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Roberta A Shand whose telephone number is 571-272-3161. The examiner can normally be reached on M-F 9:00am-5:30pm.

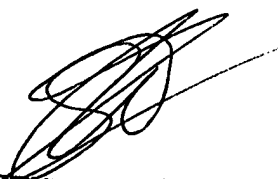
22. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2665

23. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Roberta A Shand
Examiner
Art Unit 2665



STEVEN NGUYEN
PRIMARY EXAMINER